#8

SEQUENCE LISTING

<110> Coy, David H.
Moreau, Jacques-Pierre
Kim, Sun H.

<120> OCTAPEPTIDE BOMBESIN ANALOGS

<130> 00537-00900K

<140> 10/004,530
<141> 2001-10-23

<150> 09/260,846
<151> 1999-03-02

<150> 08/337,127
<151> 1994-11-10

<150> 07/779,039
<151> 1991-10-18

<150> 07/502,438
<151> 1990-03-30

<150> 07/397,169
<151> 1989-08-21

<150> 07/376,555
<151> 1989-07-07

<150> 07/317,941
<151> 1989-03-02

<150> 07/282,328
<151> 1988-12-09

<150> 07/257,998
<151> 1988-10-14

<150> 07/248,771
<151> 1988-09-23

<150> 07/207,759
<151> 1988-06-16

<150> 07/204,171
<151> 1988-06-08

<150> 07/173,311
<151> 1988-03-25

<150> 07/100,571
<151> 1987-09-24

<160> 26

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 14
<212> PRT
<213> Xenopus laevis

<400> 1
Glu Gln Arg Leu Gly Asn Gln Trp Ala Val Gly His Leu Met
 1   5   10

<210> 2
<211> 27
<212> PRT
<213> Sus scrofa

<400> 2
Ala Pro Val Ser Val Gly Gly Gly Thr Val Leu Ala Lys Met Tyr Pro
 1   5   10   15
Arg Gly Asn His Trp Ala Val Gly His Leu Met
            20   25

<210> 3
<211> 27
<212> PRT
<213> Homo sapiens

<400> 3
Val Pro Leu Pro Ala Gly Gly Gly Thr Val Leu Thr Lys Met Tyr Pro
 1   5   10   15
Arg Gly Asn His Trp Ala Val Gly His Leu Met
            20   25

<210> 4
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetically generated peptide

<221> VARIANT
<222> 8
<223> Xaa = statine

<400> 4
Glu Gln Trp Ala Val Gly His Xaa
 1   5

<210> 5
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetically generated peptide

<221> VARIANT
<222> 2
<223> Xaa at position 2 is Ala, D-Ala, N-methyl-D-Ala,
or alpha-aminobutyric acid

<400> 5
Tyr Xaa Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
1 5 10 15
Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg
20 25

<210> 6
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetically generated peptide

<400> 6
Glu Gln Trp Ala Val Gly His Phe Leu
1 5

<210> 7
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetically generated peptide

<400> 7
Glu Gln Trp Ala Val Gly His Leu Leu
1 5

<210> 8
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetically generated peptide

<400> 8
Glu Gln Trp Ala Val Gly His Leu Leu
1 5

<210> 9
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetically generated peptide

<221> VARIANT

<222> 9
<223> Xaa = statine

<400> 9
Glu Gln Gln Trp Ala Val Gly His Xaa
1 5

<210> 10
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetically generated peptide

<400> 10
Tyr Arg Lys Ala Leu Gly Gln Leu Ser Ala Arg Lys Leu Leu Gln Asp
1 5 10 15
Ile Met Ser Arg Gln Gln Gly Glu Ser Asn Gln Glu Arg Gly Ala Arg
20 25 30
Ala Arg Leu
35

<210> 11
<211> 29
<212> PRT
<213> Homo sapiens

<400> 11
Tyr Ala Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
1 5 10 15
Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg
20 25

<210> 12
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetically generated peptide

<400> 12
Gly Asn His Trp Ala Val Gly His Leu Leu
1 5 10

<210> 13
<211> 9
<212> PRT
<213> Homo sapiens

<400> 13
Glu Gln Trp Ala Val Gly His Phe Met
1 5

<210> 14
<211> 10

<212> PRT
<213> Homo sapiens

<400> 14
Gly Ser His Trp Ala Val Gly His Leu Met
1 5 10

<210> 15
<211> 10
<212> PRT
<213> Xenopus laevis

<400> 15
Gly Asn Gln Trp Ala Val Gly His Leu Met
1 5 10

<210> 16
<211> 10
<212> PRT
<213> Homo sapiens

<400> 16
Gly Asn His Trp Ala Val Gly His Leu Met
1 5 10

<210> 17
<211> 28
<212> PRT
<213> Homo sapiens

<400> 17
His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
1 5 10 15
Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn
20 25

<210> 18
<211> 27
<212> PRT
<213> Homo sapiens

<400> 18
His Ala Asp Gly Val Phe Thr Ser Asp Phe Ser Arg Leu Leu Gly Gln
1 5 10 15
Leu Ser Ala Lys Lys Tyr Leu Glu Ser Leu Ile
20 25

<210> 19
<211> 27
<212> PRT
<213> Homo sapiens

<400> 19
His Ser Asp Gly Thr Phe Thr Ser Glu Leu Ser Arg Leu Arg Asp Ser
1 5 10 15
Ala Arg Leu Gln Arg Leu Leu Gln Gly Leu Val
20 25

<210> 20
<211> 44
<212> PRT
<213> Homo sapiens

<400> 20
Tyr Ala Asp Val Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
 1   5   10   15
Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg Gln Gln Gly
            20   25   30
Glu Ser Asn Gln Glu Arg Gly Ala Arg Ala Arg Leu
        35   40

<210> 21
<211> 29
<212> PRT
<213> Homo sapiens

<400> 21
His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys Tyr Leu Asp Ser
 1   5   10   15
Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn Thr
            20   25

<210> 22
<211> 42
<212> PRT
<213> Homo sapiens

<400> 22
Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys
 1   5   10   15
Ile Arg Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys
            20   25   30
Lys Ser Asp Trp Lys His Asn Ile Thr Gln
        35   40

<210> 23
<211> 41
<212> PRT
<213> Homo sapiens

<400> 23
Ser Gln Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu Arg
 1   5   10   15
Glu Val Leu Glu Met Thr Lys Ala Asp Gln Leu Ala Gln Gln Ala His
            20   25   30
Ser Asn Arg Lys Leu Leu Asp Ile Ala
        35   40

<210> 24
<211> 39
<212> PRT
<213> Xenopus laevis

<400> 24

Glu Gly Pro Pro Ile Ser Ile Asp Leu Ser Leu Glu Leu Leu Arg Lys
1 5 10 15
Met Ile Glu Ile Glu Lys Gln Glu Lys Glu Lys Gln Gln Ala Asn Asn
20 25 30
Arg Leu Leu Leu Asp Thr Ile
35

<210> 25
<211> 38
<212> PRT
<213> Homo sapiens

<400> 25
His Ser Asp Ala Ile Phe Thr Gln Gln Tyr Ser Lys Leu Leu Ala Lys
1 5 10 15
Leu Ala Lys Leu Ala Leu Gln Lys Tyr Leu Ala Ser Ile Leu Gly Ser
20 25 30
Arg Thr Ser Pro Pro Pro
35

<210> 26
<211> 41
<212> PRT
<213> Xenopus laevis

<400> 26
Asn Asp Asp Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu Arg
1 5 10 15
Asn Met Ile Glu Met Ala Arg Ile Glu Asn Glu Arg Glu Gln Ala Gly
20 25 30
Leu Asn Arg Lys Tyr Leu Asp Glu Val
35 40